

**UTILITY APPLICATION EXPRESS MAIL CERTIFICATE**

Date: December 14, 2004

Our Ref.: WJLJ-P003-US

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: New 371 U.S. Utility Patent Application  
Inventors: Margaret Pamela RICHARDSON et al.  
Title: IMPROVEMENTS IN AND RELATING TO CONTROL OF LIQUID FLOW INTO OR OUT OF A HUMAN OR ANIMAL BODY

Sir:

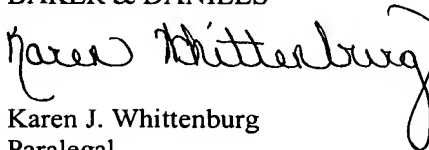
The following materials are being submitted herewith via Express Mail on December 14, 2004 to the Commissioner for Patents at the address indicated above.

- ✓ Transmittal Letter to the United States Designated/Elected Office (DO/EO/US) Concerning a Filing Under 35 U.S.C. 371 (including duplicate fee page);
- ✓ Copy of the International Application as published (Publication No. WO 03/105942 A1);
- ✓ Application Data Sheet;
- ✓ Formal Drawings (5 sheets);
- ✓ Preliminary Amendment;
- ✓ Statement as to Priority of Application;
- ✓ Information Disclosure Statement documents;
- ✓ Check No. 353758 in the amount of \$1,025.00; and
- ✓ PTO return postcard

Upon receipt of these materials, please date-stamp the enclosed postcard and return it to the undersigned.

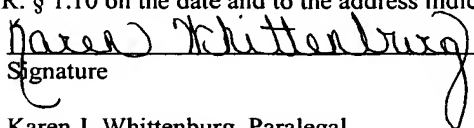
Sincerely,

BAKER & DANIELS



Karen J. Whittenburg  
Paralegal

Enclosures

<b>CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.10)</b>	
Express Mail Label Number: <u>EV 461 295 636 US</u>	
I hereby certify that the papers indicated above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date and to the address indicated above.	
<u>December 14, 2004</u> Date of Deposit	 Signature <u>Karen J. Whittenburg, Paralegal</u> Printed Name of Person Mailing Paper and/or Fee

FORM PTO-1390 (REV. 10-2003)		U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE		ATTORNEY'S DOCKET NUMBER <b>WJLJ-P003-US</b>	
<b>TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371</b>				U.S. APPLICATION NO. (If known, see 37 CFR 1.5) <b>10/517848</b>	
INTERNATIONAL APPLICATION NO. <b>PCT/GB03/02579</b>		INTERNATIONAL FILING DATE <b>16 June 2003 (16.06.2003)</b>		PRIORITY DATE CLAIMED <b>14 June 2002 (14.06.2002)</b>	
TITLE OF INVENTION <b>IMPROVEMENTS IN AND RELATING TO CONTROL OF LIQUID FLOW INTO OR OUT OF A HUMAN OR ANIMAL BODY</b>					
APPLICANT(S) FOR DO/EO/US <b>RICHARDSON, Margaret Pamela and RICHARDSON, Philip</b>					
Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:					
<ol style="list-style-type: none"> <li>1. <input checked="" type="checkbox"/> This is a <b>FIRST</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>2. <input type="checkbox"/> This is a <b>SECOND</b> or <b>SUBSEQUENT</b> submission of items concerning a filing under 35 U.S.C. 371.</li> <li>3. <input type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (21) indicated below.</li> <li>4. <input checked="" type="checkbox"/> The US has been elected (Article 31).</li> <li>5. <input type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> has been communicated by the International Bureau.</li> <li>c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US).</li> </ol> </li> <li>6. <input type="checkbox"/> An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> is attached hereto.</li> <li>b. <input type="checkbox"/> has been previously submitted under 35 U.S.C. 154(d)(4).</li> </ol> </li> <li>7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))           <ol style="list-style-type: none"> <li>a. <input type="checkbox"/> are attached hereto (required only if not communicated by the International Bureau).</li> <li>b. <input type="checkbox"/> have been communicated by the International Bureau.</li> <li>c. <input checked="" type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired.</li> <li>d. <input type="checkbox"/> have not been made and will not be made.</li> </ol> </li> <li>8. <input type="checkbox"/> An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371 (c)(3)).</li> <li>9. <input type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)).</li> <li>10. <input type="checkbox"/> An English language translation of the annexes of the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).</li> </ol> <p><b>Items 11 to 20 below concern document(s) or information included:</b></p> <ol style="list-style-type: none"> <li>11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98.</li> <li>12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.</li> <li>13. <input checked="" type="checkbox"/> A preliminary amendment.</li> <li>14. <input checked="" type="checkbox"/> An Application Data Sheet under 37 CFR 1.76.</li> <li>15. <input type="checkbox"/> A substitute specification.</li> <li>16. <input type="checkbox"/> A power of attorney and/or change of address letter.</li> <li>17. <input type="checkbox"/> A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.</li> <li>18. <input checked="" type="checkbox"/> A copy of the published international application under 35 U.S.C. 154(d)(4).</li> <li>19. <input type="checkbox"/> A second copy of the English language translation of the international application under 35 U.S.C. 154(d)(4).</li> <li>20. <input checked="" type="checkbox"/> Other items or information:           <div style="margin-left: 40px;">             Express Mail Certificate              PTO Return Postcard              Check No. 353758 in the amount of \$1,025.00           </div> </li> </ol>					

U.S. APPLICATION NO. (if known, see 37 CFR 1.51) <b>107517848</b>		INTERNATIONAL APPLICATION NO. <b>PCT/GB03/0257</b>		ATTORNEY'S DOCKET NUMBER <b>WJLJ-P003-US</b>	
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21. <input checked="" type="checkbox"/> The following fees are submitted: <b>BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)):</b> Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO..... \$  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO ..... \$ 150.00  International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO ..... \$  International preliminary examination fee (37 CFR 1.482) paid to USPTO but all claims did not satisfy provisions of PCT Article 33(1)-(4) ..... \$ International preliminary examination fee (37 CFR 1.482) paid to USPTO and all claims satisfied provisions of PCT Article 33(1)-(4) ..... \$ <b>ENTER APPROPRIATE BASIC FEE AMOUNT =</b>				<b>CALCULATIONS PTO USE ONLY</b>          <div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;">\$ 150.00</div>	
Surcharge of \$130.00 for furnishing the oath or declaration later than 30 months from the earliest claimed priority date (37 CFR 1.492(e)).				\$	
CLAIMS	NUMBER FILED	NUMBER EXTRA	RATE	\$	
Total claims	55 - 20 =	35	x \$ 25.00	\$ 875.00	
Independent claims	2 - 3 =	0	x \$ 100.00	\$ 0.00	
MULTIPLE DEPENDENT CLAIM(S) (if applicable) 0				\$ 0.00	
<b>TOTAL OF ABOVE CALCULATIONS =</b>				\$	
<input checked="" type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. The fees indicated above have been previously calculated in the small entity amount.				\$	
<b>SUBTOTAL =</b>				\$ 1,025.00	
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(f)).				\$	
<b>TOTAL NATIONAL FEE =</b>				\$	
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +				\$	
<b>TOTAL FEES ENCLOSED =</b>				\$ 1,025.00	
				Amount to be refunded:	\$
				charged:	\$

a. ☒ A check in the amount of \$ 1,025.00 to cover the above fees is enclosed.

b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
 A duplicate copy of this sheet is enclosed.

c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any  
 overpayment to Deposit Account No. 02-0390. A duplicate copy of this sheet is enclosed.

d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. **Credit card  
 information should not be included on this form.** Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137 (a)  
 or (b)) must be filed and granted to restore the application to pending status.

SEND ALL CORRESPONDENCE TO:

SIGNATURE  
**Sarah M. Jabbari**  
 NAME  
**317-237-1130**  
 REGISTRATION NUMBER

Appl. No. : Not Yet Assigned Confirmation No.: Unassigned  
Applicant : Margaret Pamela RICHARDSON et al.  
Filed : December 14, 2004  
TC/A.U. : Not Yet Assigned  
Examiner : Not Yet Assigned  
  
Docket No. : WJLJ-P003-US  
Customer No. : 27268

**STATEMENT AS TO PRIORITY OF APPLICATION**

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

The undersigned hereby claims that the presently-filed U.S. application is a National Phase application claiming the priority under 35 U.S.C. §120 of PCT Application No. PCT/GB03/02579 filed June 16, 2003, which PCT application claims priority to British Application Nos. 0226436.4 filed November 13, 2002 and 0213596.0 filed June 14, 2002.

Respectfully submitted,

Date: December 14, 2004



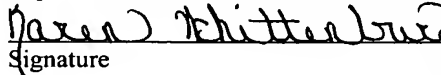
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Indianapolis, Indiana 46204  
Telephone: (317) 237-1130  
Facsimile: (317) 237-1000  
e-mail: [sarah.jabbari@bakerd.com](mailto:sarah.jabbari@bakerd.com)

SMJ/KJW

**CERTIFICATE OF MAILING/TRANSMISSION (37 C.F.R. 1.10)**

Express Mail Label Number: EV 461 295 636 US

I hereby certify that the papers indicated above are being deposited with the United States Postal Service "Express Mail Post Office to Addressee" service under 37 C.F.R. § 1.10 on the date and to the address indicated above.

  
Signature

December 14, 2004  
Date of Deposit

Karen J. Whittenburg, Paralegal  
Printed Name of Person Mailing Paper and/or Fee